INDEX

ACERBI F., G. MORCHIO and F. STROCCHI: Nonregular representations of CCR algebras and algebraic Fermion bosonization 7–19

ALICKI R., S. RUDNICKI and S. SADOWSKI: Limit theorems for dilute quantum systems leading to quantum Poisson processes 331–339

ANTONELLI P. L. and T. J. ZASTAWNIAK: Diffusions on Finsler manifolds 303–315

BARCHIELLI A.: On the quantum theory of measurements continuous in time 21–34

BELTRAMETTI E. G. and M. J. MĄCZYŃSKI: On some probabilistic inequalities related to the Bell inequality 123–129

BORLAND L. and H. HAKEN: On the constraints necessary for macroscopic prediction of time-dependent stochastic processes 35–42

CHICCOLI C., S. LORENZUTTA, G. MAINO, G. DATTOLI and A. TORRE: Generalized Bessel functions: a group theoretic view 241–252

DATTOLI G., *see* CHICCOLI C., S. LORENZUTTA, G. MAINO and A. TORRE

EPSTEIN M., *see* DE LEÓN M.

FRANK K.: On the geometry of normal state trajectories generated by dynamical semigroups 43–56

GARECKI J.: Energy and superenergy of a closed universe 57–70

GLAZKOV D. YU.: Differential geometric connection of finite order on composite manifold and nonlinear product integral 375–396

HAKEN H., *see* BORLAND L.

HAŃĆKOWIAK J.: The constraint analysis of coupled equations for n-point functions 71–75

HANNIBAL L.: Representations of the full Lorentz group in quantum field theory 77–85

HASEGAWA H.: α-divergence of the non-commutative information geometry 87–93

HOLEVO A. S.: On conservativity of covariant dynamical semigroups 95–110

JAKÓBCZYK L.: Bisognano–Wichmann duality in Euclidean field theory 413–418

KONDRAT'EV YU. G. and L. STREIT: Spaces of white noise distributions: constructions, descriptions, applications. I 341–366

KUNA M. and W. A. MAJEWSKI: On quantum chaos and quantum characteristic exponents 111–115

LASCHECK A., P. LEUKERT, L. STREIT and W. WESTERKAMP: Quantum mechanical propagators in terms of Hida distributions 221–232

DE LEÓN M. and M. EPSTEIN: On the integrability of second-order G-structures with applications to continuous theories of dislocations 419–436

LEUKERT P., *see* LASCHECK A., L. STREIT and W. WESTERKAMP

LORENZUTTA S., *see* CHICCOLI C., G. MAINO, G. DATTOLI and A. TORRE

LOUMI H. and M. TAHIRI: Quantized Yang–Mills theory in the superfibre bundle approach 367–373

MĄCZYŃSKI M. J., *see* BELTRAMETTI E. G.

MAINO G., *see* CHICCOLI C., S. LORENZUTTA, G. DATTOLI and A. TORRE

MAJEWSKI W. A., *see* KUNA M.

MARCINEK W.: On braid statistics and noncommutative calculus 117–124

MIKHAILETS V. A.: Point interactions on the line 131–135

MITYUSHEV V. V.: A method of functional equations for boundary value problems of continuous media 137–147

MORCHIO G., *see* ACERBI F. and F. STROCCHI

MRUGAŁA R.: Continuous contact transformations in thermodynamics 149–154

MULAK W.: Quantum $SU(1,1)$-harmonic oscillator 155–161

OLKIEWICZ R.: Berry phase from symmetry groups 325–329
PELSTER A., A. WUNDERLIN and K. ZEILE: Space and time transformations in classical mechanics and in quantum mechanics 163–173
RUDNICKI S., *see* ALICKI R. and S. SADOWSKI
SADOWSKI S., *see* ALICKI R. and S. RUDNICKI
SCHÖBEL C.: A classification of real finite-dimensional Lie algebras with a low-dimensional derived algebra 175–186
SCHWARZ G.: The existence of a symmetric stress tensor in a non-local description of continuum mechanics 397–412
SEREDYŃSKA M.: On Lie–Poisson systems 187–189
SŁAWIANOWSKI J. J.: Elimination of scale from the theory of mutually interacting gravitational and spinor fields 191–202
STREATER R. F.: Statistical dynamics 203–219
STREIT L., *see* LASCHECK A., P. LEUKERT and W. WESTERKAMP
STREIT L., *see* KONDRAT'EV YU. G.
STROCCHI F., *see* ACERBI F. and G. MORCHIO
TAHIRI M., *see* LOUMI H.
TAMÁSSY L.: Area and curvature in Finsler spaces 233–239
TORRE A., *see* CHICCOLI C., S. LORENZUTTA, G. MAINO and G. DATTOLI
UHLMANN A.: Density operators as an arena for differential geometry 253–263
VERBEURE A. and V. A. ZAGREBNOV: Quantum critical fluctuations in an anharmonic crystal model 265–272
WEHRL A.: From formal logic to statistical mechanics 273–281
WESTERKAMP W., *see* LASCHECK A., P. LEUKERT and L. STREIT
WOJNAR R.: Homogenization in viscoelasticity and thermal effects 283–294
WUNDERLIN A., *see* PELSTER A. and K. ZEILE
ZAGREBNOV V. A., *see* VERBEURE A.
ZARTL A.: A nonstandard solution of the Kortweg–de Vries equation 295–302
ZASTAWNIAK T. J., *see* ANTONELLI P. L.
ZEILE K., *see* PELSTER A. and A. WUNDERLIN
ZWEIFEL P. F.: The Poisson–Wigner system: a quantum transport equation 317–323